Method for printing process control on a printing press using halftone photoengraving in particular a sheet offset printing machine.

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Abstract

A method for printing process control on a printing press operating by the halftone method, in particular a sheet offset printing machine, in which, for example, measurement zones of the halftone and of the full tone are also printed and these are scanned photoelectrically, after which a conversion of these measurement values into an actual characteristic takes place, is to be improved to the effect that the characteristic achieved in printing can be matched to a given reference characteristic as far as possible over the entire course of the tonal value extent. The measurement values obtained are converted into an actual characteristic, a multiplicity of potentially achievable actual characteristics is calculated therefrom using process-related connections, and, from this group of achievable actual characteristics, the particular one is selected which corresponds to the greatest extent to the given reference characteristic based on a given quality criterion.